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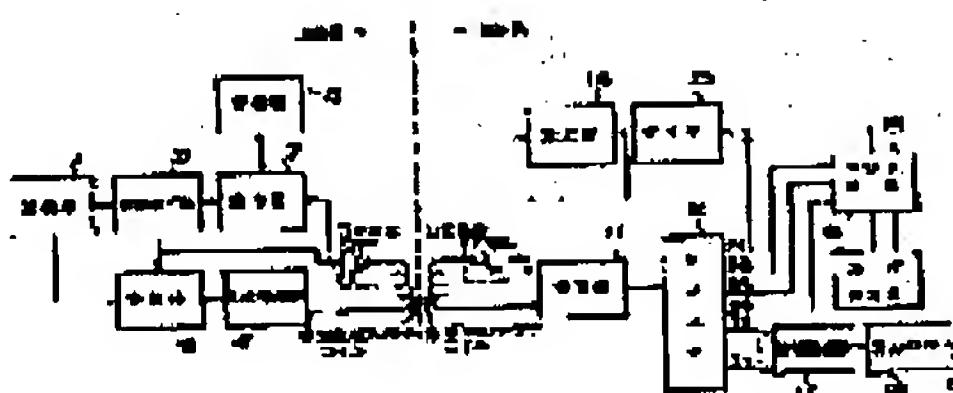
(21)Application number : 06-050254 (71)Applicant : NEC CORP  
 (22)Date of filing : 22.03.1994 (72)Inventor : OKUBO SEIJI

## (54) RADIO CONTROL SYSTEM FOR RECEIVER IMPLANTED IN A LIVING ORGANISM

### (57)Abstract:

**PURPOSE:** To provide a system capable of checking and reporting in real time the normal and abnormal functioning of a receiver implanted in a living organism or the adequateness of the position of a transmitter antenna installed on the living organism.

**CONSTITUTION:** High frequency signals having no-signal intervals between respective signal frames are transmitted from a transmitter as signals for checking a transmitter antenna or abnormality of a receiver. When said signals are properly received by a receiver, a timer 13 activates an oscillator 14 during each of the no-signal intervals to generate oscillation signals and simultaneously, a switch 10 is turned on to connect the oscillator to a receiver antenna coil 9 for transmission of the oscillation signals. The transmitter is provided with a detector 7 for connection with a transmitter antenna coil 6 by the agency of a switch 5 only during each of the no-signal intervals to receive the oscillation signals from the receiver and in addition, an alarm device 8 for issuing an alarm according to the indication of the oscillation signals.



### LEGAL STATUS

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